

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/03553

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 G01R31/30**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 G01R**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal, INSPEC****C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 840 227 A (HEWLETT PACKARD CO)  6 May 1998 (1998-05-06)  cited in the application  column 3, line 27 -column 5, line 38;  figure 4</p> <p>---</p>	1-14
A	<p>RUBIO A ET AL: "A built-in quiescent current monitor for CMOS VLSI circuits"  EUROPEAN DESIGN AND TEST CONFERENCE, 1995.  ED&amp;TC 1995, PROCEEDINGS. PARIS, FRANCE 6-9  MARCH 1995, LOS ALAMITOS, CA, USA, IEEE  COMPUT. SOC, US,  6 March 1995 (1995-03-06), pages 581-585,  XP010147962  ISBN: 0-8186-7039-8  cited in the application  paragraphs '02.1-'02.2; figure 1</p> <p>---</p> <p>-/-</p>	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

2 February 2004

Date of mailing of the International search report

10/02/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MANHAEVE H ET AL: "Semi-digital off-chip IDQ monitor developments: towards a general-purpose digital current monitor" IDQ TESTING, 1996., IEEE INTERNATIONAL WORKSHOP ON WASHINGTON, DC, USA 24-25 OCT. 1996, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 24 October 1996 (1996-10-24), pages 89-93, XP010200984 ISBN: 0-8186-7655-8 column 2 -column 3; figures 2,3 -----	1-14
A	US 5 694 063 A (DEHAVEN WILLIAM R ET AL) 2 December 1997 (1997-12-02) column 3, line 63 -column 4, line 22; figure 5 -----	1-14

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0840227	A	06-05-1998	US	5789933 A	04-08-1998
			DE	69710842 D1	11-04-2002
			DE	69710842 T2	29-08-2002
			EP	0840227 A1	06-05-1998
			JP	2983938 B2	29-11-1999
			JP	10142288 A	29-05-1998
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US 5694063	A	02-12-1997	AU	3404895 A	07-03-1996
			WO	9605553 A1	22-02-1996
			US	5552744 A	03-09-1996